

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Original) A method for transforming data in an input table in a database in a server in communication with a client, comprising:
receiving from the client a transform command indicating an input data table name in the database and at least one rule indicating at least one cell in the input table to transform and a transform operation to perform with respect to the at least one cell;
accessing a copy of the input table from the database; and
transforming, within the server, data in the accessed input table according to each rule specified in the transform command.
2. (Original) The method of claim 1, wherein the client is a client computer that communicates with the server over a network, wherein the transform command is transmitted from the client computer to the server over the network.
3. (Original) The method of claim 1, wherein the client is an application program executing in the server.
4. (Original) The method of claim 1, wherein the transform command rules specify multiple transform operations to perform on at least one cell in the accessed input table, wherein an application of a subsequent transform operation following a previous transform operation on one cell transforms previously transformed data in the cell.
5. (Previously Presented) A method for transforming data in an input table in a database in a server in communication with a client, comprising:
receiving from the client a transform command indicating an input data table name in the database and at least one rule indicating at least one cell in the input table to transform and a transform operation to perform with respect to the at least one cell;

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accessing a copy of the input table from the database; and
transforming, within the server, data in the accessed input table according to each rule specified in the transform command; and
writing the transformed input table data to the database in the server after performing all transform operations specified in the rules of the transform command against the accessed input table.

9/8. (Original) The method of claim ~~5~~⁸, further comprising:
determining whether the transform command indicates an output table in the database;
writing the transformed input table to the output table if the transform command indicates the output table; and
updating the input table in the database with the transformed input table if the transform command does not indicate one output table.

5/7. (Original) The method of claim 1, wherein the client cannot affect the execution of the transform command during the execution of the transform command, whereby the transform command executes in the server independently of the client.

6/8. (Original) The method of claim 1, wherein the transform command further comprises multiple rules, wherein each rule specifies at least one column in the input table and at least one transform operation to perform on each specified column in the input table, wherein at least two rules specify different columns in the input table and different transform operations to apply to each specified column.

10/9. (Original) A system for transforming data, comprising:
a client process;
a server including a database and an input table in communication with the client process;
program logic implemented in the server, comprising:
(i) means for receiving from the client process a transform command indicating an input data table name in the database and at least one rule indicating at least one cell in

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the input table to transform and a transform operation to perform with respect to the at least one cell;

(ii) means for accessing a copy of the input table from the database; and

(iii) means for transforming data in the accessed input table according to each rule specified in the transform command.

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10. (Original) The system of claim 9, wherein the client process executes in a client computer that communicates with the server over a network, wherein the transform command is transmitted from the client computer to the server over the network.

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11. (Original) The system of claim 9, wherein the client process is an application program executing in the server.

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12. (Original) The system of claim 9, wherein the transform command rules specify multiple transform operations to perform on at least one cell in the accessed input table, wherein an application of a subsequent transform operation following a previous transform operation on one cell transforms previously transformed data in the cell.

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13. (Previously Presented) A system for transforming data, comprising:
a client process;
a server including a database and an input table in communication with the client process;
program logic implemented in the server, comprising:

(i) means for receiving from the client process a transform command indicating an input data table name in the database and at least one rule indicating at least one cell in the input table to transform and a transform operation to perform with respect to the at least one cell;

(ii) means for accessing a copy of the input table from the database; and

(iii) means for transforming data in the accessed input table according to each rule specified in the transform command; and

C/ (iv) means for writing the transformed input table data to the database in the server after performing all transform operations specified in the rules of the transform command against the accessed input table.

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14. (Original) The system of claim 13, wherein the program logic further comprises:
means for determining whether the transform command indicates an output table in the database;

means for writing the transformed input table to the output table if the transform command indicates the output table; and

means for updating the input table in the database with the transformed input table if the transform command does not indicate one output table.

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15. (Original) The system of claim 9, wherein the client process cannot affect the execution of the transform command during the execution of the transform command, whereby the transform command executes in the server independently of the client process.

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16. (Original) The system of claim 9, wherein the transform command further comprises multiple rules, wherein each rule specifies at least one column in the input table and at least one transform operation to perform on each specified column in the input table, wherein at least two rules specify different columns in the input table and different transform operations to apply to each specified column.

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17. (Original) An article of manufacture for use in transforming data in an input table in a database, the article of manufacture comprising computer usable media including at least one computer program embedded therein that causes the computer to perform:

receiving a transform command indicating an input data table name in the database and at least one rule indicating at least one cell in the input table to transform and a transform operation to perform with respect to the at least one cell;

accessing a copy of the input table from the database; and

C/ transforming data in the accessed input table according to each rule specified in the transform command.

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~~18.~~ (Original) The article of manufacture of claim ¹⁹~~17~~, wherein the transform command rules specify multiple transform operations to perform on at least one cell in the accessed input table, wherein an application of a subsequent transform operation following a previous transform operation on one cell transforms previously transformed data in the cell.

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~~19.~~ (Previously Presented) An article of manufacture for use in transforming data in an input table in a database, the article of manufacture comprising computer usable media including at least one computer program embedded therein that causes the computer to perform:

- receiving a transform command indicating an input data table name in the database and at least one rule indicating at least one cell in the input table to transform and a transform operation to perform with respect to the at least one cell;
- accessing a copy of the input table from the database; and
- transforming data in the accessed input table according to each rule specified in the transform command; and
- writing the transformed input table data to the database after performing all transform operations specified in the rules of the transform command against the accessed input table.

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~~20.~~ (Original) The article of manufacture of claim ²⁴~~19~~, further comprising:

- determining whether the transform command indicates an output table in the database;
- writing the transformed input table to the output table if the transform command indicates the output table; and
- updating the input table in the database with the transformed input table if the transform command does not indicate one output table.

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21. (Original) The article of manufacture of claim ~~17~~, wherein the transform command further comprises multiple rules, wherein each rule specifies at least one column in the input table and at least one transform operation to perform on each specified column in the input

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C | table, wherein at least two rules specify different columns in the input table and different transform operations to apply to each specified column.

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~~22~~. (Previously Presented) A memory device including a command for performing a transform operation on a computer database input table, the command comprising
an input data table name parameter indicating the input table subject to the transform operation; and

at least one rule indicating at least one cell in the input table to transform and a transform operation to perform with respect to the at least one cell, wherein the transform command is executed to access a copy of the input table from the database and transforming data in the accessed input table according to each rule specified in the transform command, wherein the command is transmitted from a client to a server, and wherein the server processes the command to transform data in the input table according to each rule in the transform command.

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~~23~~. (Original) The memory of claim ²⁶~~22~~, wherein the transform command rules specify multiple transform operations to perform on at least one cell in the accessed input table, wherein an application of a subsequent transform operation following a previous transform operation on one cell transforms previously transformed data in the cell.

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~~24~~. (Original) The memory of claim ²⁶~~22~~, wherein the transform command is capable of indicating an output table in the database, wherein the transformed input table is written to the output table if the transform command indicates the output table, and wherein the input table in the database is updated with the transformed input table if the transform command does not indicate one output table.

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~~25~~. (Original) The memory of claim ²⁶~~22~~, wherein the transform command further comprises multiple rules, wherein each rule specifies at least one column in the input table and at least one transform operation to perform on each specified column in the input table, wherein at least two rules specify different columns in the input table and different transform operations to apply to each specified column.

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~~26.~~ (Previously Presented) The method of claim ¹⁹~~17~~, wherein the client cannot affect the execution of the transform command during the execution of the transform command, whereby the transform command executes in the server independently of the client.

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~~27.~~ (Previously Presented) A memory device including a command for performing a transform operation on a computer database input table, the command comprising
an input data table name parameter indicating the input table subject to the transform operation; and
at least one rule indicating at least one cell in the input table to transform and a transform operation to perform with respect to the at least one cell, wherein the transform command is executed to access a copy of the input table from the database and transforming data in the accessed input table according to each rule specified in the transform command, wherein the transformed input table data is written to the database in the server after performing all transform operations specified in the rules of the transform command against the accessed input table.

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~~28.~~ (New) The method of claim 1, wherein the transform operation modifies the content of the at least one cell.

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~~29.~~ (New) The system of claim ¹⁰~~9~~, wherein the transform operation modifies the content of the at least one cell.

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~~30.~~ (New) The article of manufacture of claim ¹⁹~~17~~, wherein the transform operation modifies the content of the at least one cell.

³⁰
~~31.~~ (New) The memory device of claim ²⁶~~22~~, wherein the transform operation modifies the content of the at least one cell.